

Amendment Dated March 9, 2004

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

1. (currently amended) Flexible conduit for conveying cryogenic fluids, [which consists of] having a metal inner tube [(1), a strip-shaped spacer member (3) made of a material of low thermal conductivity, which is spirally wound on the inner tube (1)], and a metal outer tube [(2), such that the spacer member (3) contacts both the inner tube (1) and the outer tube (2)], said flexible conduit comprising:

a strip-shaped spacer member made of a material of low thermal conductivity, which is spirally wound on said inner tube such that said spacer member contacts both said inner tube and said outer tube [characterized by the fact that the] wherein said strip-shaped spacer member [(3)] is twisted about its own axis and [consists of] includes a metal that is stable with respect to high-energy radiation and has a thermal conductivity of less than 25 W/m•K and a tensile strength of more than 240 MPa.

2. (currently amended) Flexible conduit in accordance with Claim 1, [characterized by the fact that the] wherein said spacer member [(3) consists of] includes titanium sheet.

3. (currently amended) Flexible conduit in accordance with Claim 1, [characterized by

Amendment Dated March 9, 2004

the fact that the] wherein said spacer member [(3)] consists of] includes a nickel-base alloy that contains more than 15 wt.% chromium.

4. (currently amended) Flexible conduit in accordance with [any of] Claim[s] 1 [to 3], [characterized by the fact that] wherein the width of said [the] spacer member [(3)] is [0.1] 0.01 - 0.3 D, where D is the outside diameter of [the] said inner tube [(1)].

5. (currently amended) Flexible conduit in accordance with [any of] Claim[s] 1 [to 4], [characterized by the fact that] wherein the wall thickness of [the] said spacer member [(3)] is [0.01] 0.001 - 0.03 D, where D is the outside diameter of [the] said inner tube [(1)].

6. (currently amended) Flexible conduit in accordance with [any of] Claim[s] 1 [to 5], [characterized by the fact that] wherein the length of lay of the twist is 3 - 10 D, where D is the outside diameter of [the] said inner tube [(1)].

7. (currently amended) Flexible conduit in accordance with [any of] Claim[s] 1 [to 6], [characterized by the fact that the] wherein said inner tube [(1)] is a corrugated stainless steel tube.

8. (currently amended) Flexible conduit in accordance with [any of] Claim[s] 1 [to 7], [characterized by the fact that the] wherein said outer tube [(2)] is a corrugated stainless steel tube.